



PRODUCT INFO  
& DATASHEET

# SICOL-Y NATURAL MARIGOLD YELLOW PIGMENTER 2% DRY - FEED ADDITIVE

- Made in China -

1. **Product Name** : SICOL-Y NATURAL YELLOW 2% Dry  
2. **Chemical Name** : Xanthophyll  
3. **CAS No.** : 127-40-2  
4. **Concentration** : 2% (20g/kg)  
5. **Main Composition** : Marigold Extracts, Ethoxyquin, Carrier

## Product specifications

<b>Total Xanthophylls:</b>	min 20g/kg	<b>Granularity:</b>	min 95% pass mesh 100
<b>Trans-lutein:</b>	min 82%	<b>Moisture:</b>	max 8%
<b>Trans-zeaxanthin:</b>	min 4%	<b>Pb:</b>	max 10ppm
<b>Appearance :</b>	orange yellow free flow powder	<b>As:</b>	max 3ppm
<b>Saponification Ratio:</b>	min 95%	<b>T.C.P.:</b>	max 1000cfu/g

## 6. Preparation & Structure:

SICOL-Y NATURAL YELLOW 2% Dry is obtained from extract of marigold flower meal followed by saponification and adding a certain amount of carrier. Main active carotenoids constituents are Trans-lutein and Trans-zeaxanthin which represent yellow pigment in the product.

## 7. Characteristics:

Extracted from a botanical source, no toxin, free flowing orange yellow alkaline powder, characteristic marigold flower odor, high stability and bioavailability, water soluble, safe & edible for animals.

## 8. Use & Dosage:

Products can be added directly into feed premix or complete feed, and can be used together with other pigments. SICOL-Y NATURAL YELLOW 2% Dry, being stable natural carotenoids can enhance the color of egg yolk, skin, tissue, fat and meat of poultry & aquatic animals. See below suggested dosages per ton feed for different applications. Customers can adjust the dosage themselves according to the xanthophylls level in the main feed in order to achieve the desired results.

Broilers (poultry) : 200gr to 2,000 gr  
Layers (poultry) : 100gr to 1,500 gr  
Aquatic Animals : 4kg to 20kg

## 9. Packaging:

20kg aluminum vacuum bag with outer kraft bag with Sico label, 10 MT/20ft container if bags on pallets (or 13 MT/20ft container if without pallets).

## 10. Shelf life:

If stored in original package, in cool, dry, shady environment: min. 12 months.  
Avoid direct sunlight and high temperature. Use up open bag as soon as possible.

## 11. Certification:

Production process complies with FAMI-QS, ISO9001, ISO22000

## 12. HS Code:

2309.901.000 (feed additives)

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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